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SNAPTAIN

SP500

4-Axis GPS Drone

USER MANUAL

Please read this manual carefully before flying and keep it well for future reference.

14+

ENGLISH

14+

CONTENTS

DISCLAIMER AND SAFETY GUIDELINES.....01

MAINTENANCE AND CARE.....01

PRODUCT OVERVIEW.....06

FLIGHT PREPARATION.....06

RIGHT OPERATION GUIDE.....09

REMOTE OPERATION GUIDE.....10

Pair the Remote with the Drone.....10

Flight Calibration.....10

1. Compass Calibration.....10

2. Gyro Calibration.....11

GPS Satellites Searching.....12

Flight Instructions.....13

Take-off.....13

Flight Direction.....15

Return-to-Home (RTH).....16

Smart RTH.....16

Failsafe RTH.....18

Low Battery RTH.....18

Photo/Video.....20

Headless Mode.....20

Speed Switch.....21

Attitude (ATTI) Mode.....21

Landing.....22

Emergency Stop.....22

APP OPERATION GUIDE.....23

App Downloading and Installation.....23

App Launch.....23

Remote Overview of the App.....25

Settings.....26

Take-off.....28

Point of Interest (POI).....28

Follow Me.....30

Waypoints.....31

Photo/Video.....32

Record Videos with the Preloaded Music.....32

Landing.....32

Smart RTH.....32

LED INDICATORS DESCRIPTION.....33

TROUBLESHOOTING.....35

SPECIFICATIONS.....37

DISCLAIMER AND SAFETY GUIDELINES

Please read the disclaimer carefully before using this product. By using it, you hereby agree to this disclaimer and signify that you have read them fully.

1. Before flying, please make some practice with a simulator or seek for the instruction from a professional.

2. DO NOT fly above or near obstacles, crowds, open water, public places, high-voltage power lines or trees.

3. DO NOT use the drone in severe weather conditions, such as a heavy day or windy (wind speed is more than 5.5m/s), snow, hail, lightning, tornadoes, hurricanes, etc.

4. DO NOT fly the drone in the magnetic interference area, radio interference area, and government restricted zones.

5. The fast rotating motors and propellers are a potential hazard to cause serious damage and injury. A safe distance of 5m must be maintained from the drone at all times while it is operational. Fly with responsibility.

DISCLAIMER AND SAFETY GUIDELINES

6. Please maintain the line-of-sight of your drone at all times after it is powered up. Do not rely on the camera image to control your drone.

7. This product is not a toy and not recommended for users under age 14.

8. This product is not intended for professional aerial photography.

9. All parts must be kept out of the reach of children to avoid CHOKE HAZARD.

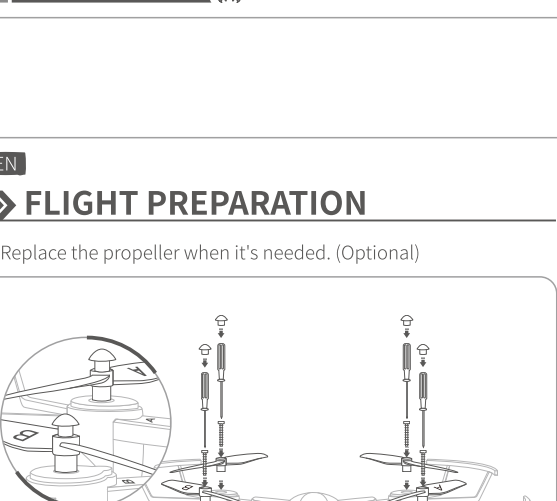
10. CAUTION: Dispose of the drone and batteries in accordance with local regulations. DO NOT treat it as household waste.

11. Be sure to observe all local regulations, obtain appropriate authorizations and understand risks. Please note it is solely your responsibility to comply with all local regulations.

SNAPTAIN accepts no liability for damage, injury or any legal responsibility incurred directly or indirectly from the use of this product. The user shall observe state and local practices including, but not limited to, those set forth in these Disclaimer and Safety Guidelines. SNAPTAIN reserves the right to update this user manual.

PRODUCT OVERVIEW

Remote



1. Power Indicator

2. Speed Switch

3. Compass Calibration (Long Press)

4. Gyro Calibration (Long Press)

5. Left Control Stick

6. On/Off

7. Speed Indicator

8. Photo/Video Indicator

9. Phone Clamp

10. Photo/Video (Long Press)

11. One Key Take-off (Landing, Emergency Stop) (Long Press)

12. GPS Mode On/Off

13. Right Control Stick

14. Headless Mode

15. Smart RTH

16. Smart RTH Indicator

17. Headless Mode Indicator

18. Remote Handle

FLIGHT PREPARATION

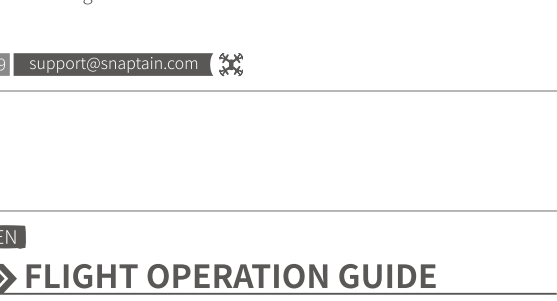
1. Unfold the front arms, then the rear arms.

2. Install the propeller guards into the drone.

3. Charge the battery.

FLIGHT PREPARATION

3. Replace the propeller when it's needed, (optional).



1. Remove the cap on the propeller.

2. Loosen the screw to remove the propeller.

3. Fit the spare propeller into the drone. Make sure the mark (A/B) on the propeller is the same as the mark on the arm of the drone.

4. Tighten the screw and install the cap.

FLIGHT OPERATION GUIDE

IMPORTANT:

Make sure your power on the drone first, then the remote in each flight.

Do repeat the pairing procedure each time when the drone or remote is released.

For all flight functions and modes, the operator and tail of the drone must be aligned.

FLIGHT OPERATION GUIDE

Flight Instructions

Take-off

Option 1:

Move the Left Control Stick to lower left in 45° and the Right Control Stick to lower right in 45° at the same time until four rotor blades start rotating, then short press the button to take off.

Option 2:

Move the Left Control Stick to lower left in 45° and the Right Control Stick to lower right in 45° at the same time until four rotor blades start rotating, then slowly push the Left Control Stick forward to take off.

FLIGHT OPERATION GUIDE

Option 3:

Press the button and the four rotor blades start rotating, then press the button again to take off.

Option 4:

Press the button and the four rotor blades start rotating, then slowly push the Left Control Stick forward to take off.

* When the App reminds you "The compass was seriously interfered" and/or rotor blades start to vibrate, please turn off the remote (A/B) in GPS Mode, please move to another place to fly the drone.

FLIGHT OPERATION GUIDE

Speed Switch

The speed of the drone is set to L/FPV (used by default). Press the button once for HIGH speed and there are two beeps from the remote. Press the button again to get back to low speed and there is one beep from the remote.

Attitude (ATTI) Mode

Option 1:

Short press the button to activate ATTI Mode, and there is a long beep from the remote.

Option 2:

ATTI Mode is automatically on when there are not enough satellites connected to put the drone in GPS mode during the outdoor flight. In ATTI mode, the drone will maintain a specific flight altitude, but it will drift around in the wind.

Note:

We recommend ATTI Mode only when the pilot has proficient skills in operating the drone.

FLIGHT OPERATION GUIDE

Landing

Option 1:

Short press the button to land the drone.

Option 2:

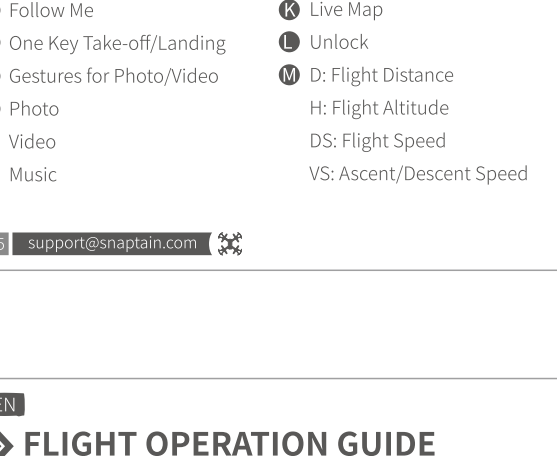
Slowly pull the Left Control Stick backward to land the drone.

Emergency Stop

Press and hold the button for 4s, the drone will stop in the air and fall.

FLIGHT OPERATION GUIDE

Function Overview of the App



1. Back

2. Media Gallery

3. VR Mode

4. More

5. Waypoints

6. Smart RTH

7. Follow Me

8. One Key Take-off/Landing

9. Photos

10. Videos

11. Music

12. Flip Image

13. Flight Records

14. Settings

15. GPS Signal

16. RTH Signal

17. Drone Battery Status

18. Remote Battery Status

19. Live Map

20. Unlink

21. Flight Distance

22. RTH Altitude

23. GPS Flight Speed

24. VS: Ascend/Descent Speed

FLIGHT OPERATION GUIDE

Follow Me

Tap to enable Follow Me function, then tap the pop-up window to start. When Follow Me is enabled during flight, the drone's camera lens will keep following at your mobile device and maintain a constant distance from it.

Tap again during the flight to cancel this mode and regain control of the drone.

Note:

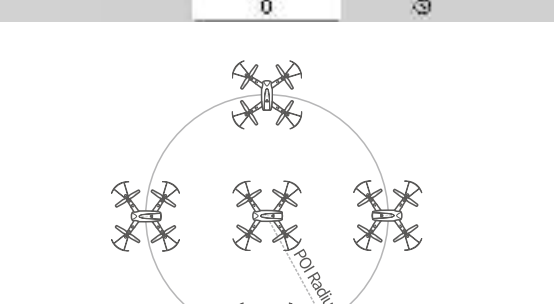
The function of Follow Me may have deviation due to the GPS signal. Please maintain a safe distance around you and the drone when enabling this function.

Activate this function only when there is no obstacle around you in case of unexpected accidents.

Make sure that the battery status of the drone is low (the Drone Battery Status shows 2 Yellow bars and the LEDs of the drone flash slowly).

FLIGHT OPERATION GUIDE

LED INDICATORS DESCRIPTION



LEDs on the Head of the Drone

LEDs Status

DRONE STATUS

Off

GPS Mode OFF

Flash

Searching Satellites

Solid on

Satellites Searched, GPS Mode available

LED INDICATORS DESCRIPTION

Function

Front LEDs

Rear LEDs

Color

Red

Green

Power On

Flash slowly

Pairing

Flash quickly

Compass Calibration

Start Calibrating off

Horizontal Calibration Completed

Flash light up

Vertical Calibration Completed

Flash light up

Gyro Calibration

Start Calibrating

Flash quickly for 4s

Low Battery RTH

Flash slowly

Low Battery Flash slowly

Critical Low Battery Flash quickly

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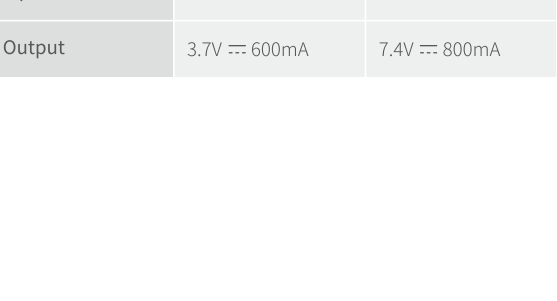
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Critical Low Battery Flash quickly

MAINTENANCE AND CARE

1. Thoroughly check the drone after a crash or violent impact.

2. Do not use or store the battery near a flame.

3. Do not charge the battery if it is hot. Let it cool down first.

4. Do not charge the battery near to inflammable materials, such as bed, carpet, wood floor, etc., or on surfaces that are electrically conductive. Do not leave the battery unattended while charging.

5. Only use the original cable provided. Unplug the charger once the battery is fully charged.

6. Remove the battery from the drone if it will not be used for a long time.

7. Store the drone and remote in a cool, dry place away from direct sunlight.

8. Be sure to clean off your drone with a dry cloth to prevent any moisture from getting onto the electronics.

9. Do not try to disassemble or repair the product by yourself. Please contact SNAPTAIN for more help.

10. Please use the original battery provided. Use an incorrect type of battery may lead to fire hazards.

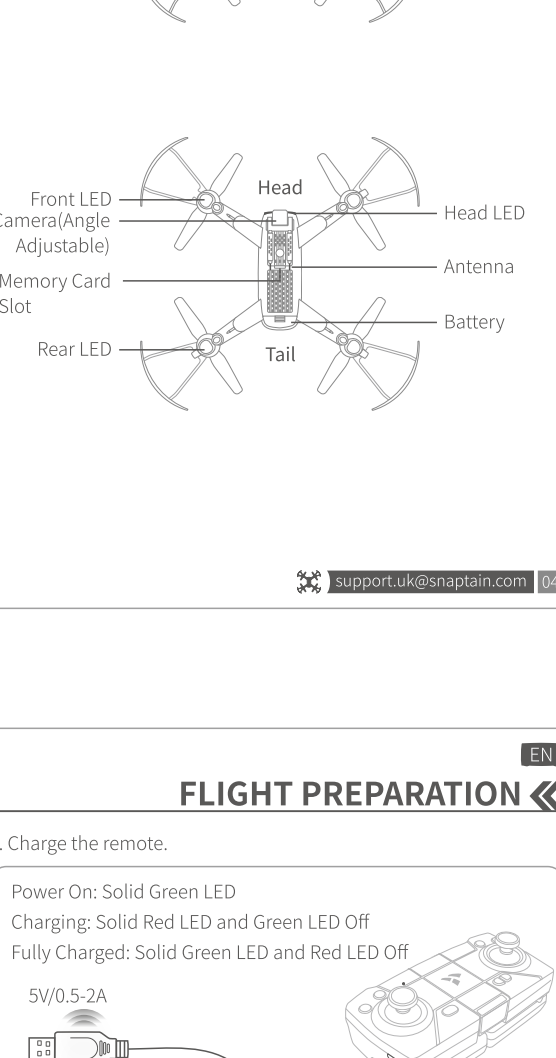
11. Do not dispose of the battery in fire or a hot oven, cut or mechanically crush the battery, as this may cause explosion.

12. Do not leave the battery in an extremely high-temperature environment that can result in an explosion or the leakage of flammable liquid or gas.

13. Do not expose the battery to the extremely low air pressure, as this may result in an explosion or the leakage of flammable liquid or gas.

PRODUCT OVERVIEW

SP500 Drone



FLIGHT PREPARATION

Notes:

Please use the original battery and USB cable provided.

Keep the battery away from any sharp objects that could puncture into the battery to avoid risks of explosion and fire.

It is not recommended to charge the battery from the USB port of PC.

*Flight time may be extended when flying in low-temperature environments.

To extend the battery's lifespan, recharge it at least once every three months if not using it for long periods of time.

4. Install the battery into the drone after it's fully charged.

5. Insert a memory card (not included) into the drone.

* FAT 32 format of the memory card is recommended.

FLIGHT PREPARATION

6. Charge the remote.

Power On: Solid Green LED

Charging: Solid Red LED

Power Off: Solid Green LED

Low Battery: Solid Red LED

7. Unfold the Remote Handle.

8. Unfold the Phone Clamp when using the mobile device to fly the drone.

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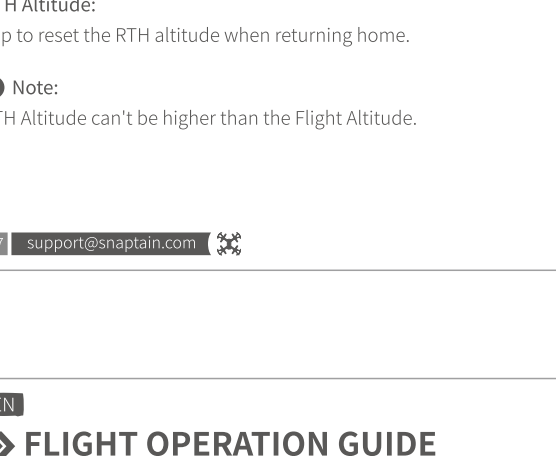
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